

Amendments to the Claims:

1. (currently amended) A vehicular adapter system having wireless local area network (WLAN) capabilities, the adapter system comprising:
an adapter configured to plug into a cigarette lighter socket of a vehicle, the adapter having a local area network (WLAN) module contained therein, a common I/O plug for connecting to a common I/O jack of a wireless communication device, and separate audio cables for connecting to separate audio jacks of the wireless communication device, the adaptor being configured to electrically couple the WLAN module to a wireless communication device; through at least one of the group of the common I/O plug and the separate audio cables such that the module operable to audio communicate with other WLAN-enabled devices.
2. (original) The system of claim 1, wherein the adapter is operable to power one or more of the WLAN module and the wireless communication device.
3. (canceled).
4. (currently amended) The system of claim 1, further comprising a head unit coupled to loudspeakers in ~~a~~ the vehicle, the head unit including a second WLAN module operable to wirelessly communicate with the adapter WLAN module.
5. (currently amended) The system of claim 4, ~~wherein the adapter electrically couples audio signals from the wireless communication to the adapter WLAN module, and wherein the adapter WLAN module wirelessly transmits the audio signals to the second WLAN module whereupon the head unit transfer the audio signals from the second WLAN module to the vehicular loudspeakers.~~

6. (currently amended) The system of claim 4, wherein the head unit is coupled to a microphone in the vehicle, and wherein the second WLAN module wirelessly transmits audio signals from the microphone to the adapter WLAN module, and wherein the adapter WLAN module transfers the audio signals from the adapter WLAN module to the wireless communication device.

7. (original) The system of claim 1, wherein the WLAN module is operable under a Bluetooth transceiver protocol.

8. (currently amended) The system of claim 1, wherein the adapter includes a separate data cable for connecting to a data jack of the wireless communication device wherein the WLAN module is operable to communicate data through one of the group of the common I/O plug and the separate data cable such that the WLAN module is operable to transmit data from the wireless communication device.

9. (currently amended) A vehicular adapter system having wireless local area network (WLAN) capabilities, the adapter system comprising:

an adapter configured to plug into a cigarette lighter socket of a vehicle, the adapter having a wireless local area network (WLAN) module contained therein, a common I/O plug for connecting to a common I/O jack of a wireless communication device, and separate audio cables for connecting to separate audio jacks of the wireless communication device, the adaptor being configured to electrically couple the WLAN module to a wireless communication device; through at least one of the group of the common I/O plug and the separate audio cables such that the module operable to communicate with other WLAN-enabled devices;

a second WLAN module embedded in a head unit of the vehicle, the second WLAN module operable to wirelessly communicate with the adapter WLAN module; and at least one audio transducer coupled to the head unit.

10. (original) The system of claim 9, wherein the adapter is operable to power the WLAN module and to power and charge the wireless communication device.

11. (canceled).

12. (original) The system of claim 9, wherein the at least one audio transducer includes at least one loudspeaker, wherein the adapter electrically couples audio signals from the wireless communication to the adapter WLAN module, and wherein the adapter WLAN module wirelessly transmits the audio signals to the second WLAN module whereupon the head unit transfers the audio signals from the second WLAN module to the at least one vehicular loudspeaker.

13. (original) The system of claim 9, wherein the at least one audio transducer includes a microphone, wherein the second WLAN module wirelessly transmits audio signals from the microphone to the adapter WLAN module, and wherein the adapter WLAN module transfers the audio signals from the adapter WLAN module to the wireless communication device.

14. (original) The system of claim 9, wherein the WLAN modules are operable under a Bluetooth transceiver protocol.

15. (currently amended) The system of claim 9, wherein the adapter includes a separate data cable for connecting to a data jack of the wireless communication device wherein the WLAN module is operable to communicate data through one of the group of the common I/O plug and the separate data cable such that the WLAN modules are operable to transmit data between the wireless communication device and the head unit.

16. (currently amended) A vehicular adapter system having wireless local area network (WLAN) capabilities, the adapter system comprising:

an adapter configured to plug into a cigarette lighter socket of a vehicle, the adapter having a wireless local area network (WLAN) module contained therein, a common I/O plug for connecting to a common I/O jack of a wireless communication device, and separate audio cables for connecting to separate audio jacks of the wireless communication device, the adapter is operable to power both the WLAN module and the wireless communication device, the adaptor being configured to electrically couple the WLAN module to ~~a~~ the wireless communication device, through at least one of the group of the common I/O plug and the separate audio cables such that the module is operable to communicate audio signals from the wireless communication device to other WLAN-enabled devices; and a second WLAN module embedded in a head unit of the vehicle, the head unit coupled to at least one loudspeaker and a microphone, the second WLAN module operable to wirelessly communicate with the adapter WLAN module.

17. (currently amended) The system of claim 16, wherein the WLAN modules are operable to transfer audio signals from the wireless communication device to the adapter WLAN module to the second WLAN module of the head unit to at least one loudspeaker and audio signals from the microphone ~~of~~ coupled to the head unit to the second WLAN module to the adapter WLAN module to the wireless communication device.

18. (original) The system of claim 16, wherein the WLAN modules are operable under a Bluetooth transceiver protocol.

19. (currently amended) The system of claim 16, wherein the adapter includes a separate data cable for connecting to a data jack of the wireless communication device wherein the WLAN module is operable to communicate data through one of the group of the common I/O plug and the separate data cable such that the WLAN modules are operable to transmit data between the wireless communication device and the head unit.